



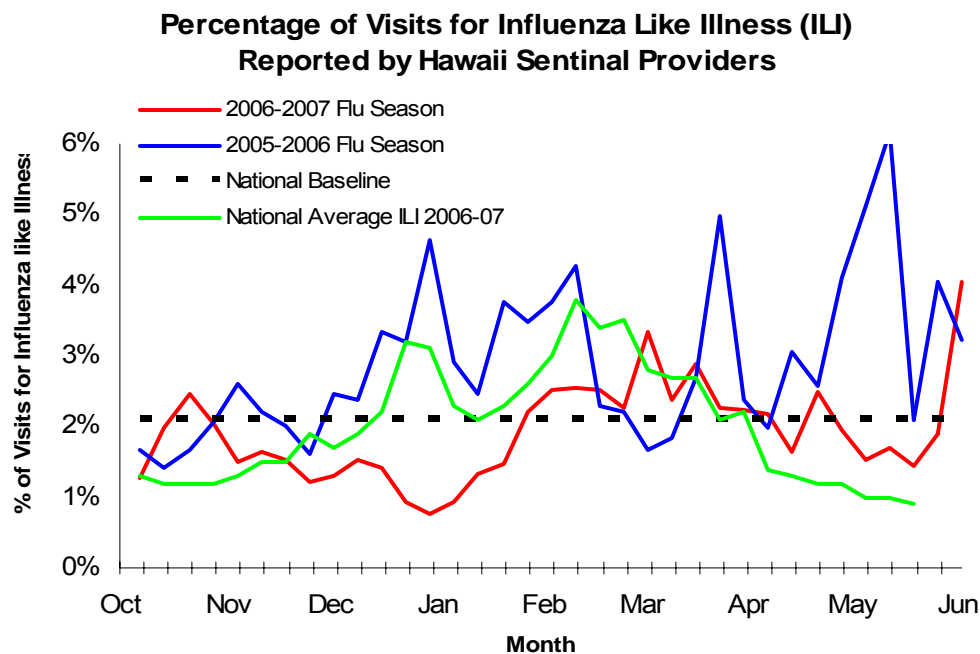
HAWAII STATE DEPARTMENT OF HEALTH DISEASE OUTBREAK CONTROL DIVISION

Influenza Surveillance Report

May 20 – June 2, 2007: MMWR¹ Week 21-22

I. Surveillance of Influenza Like Illness (ILI):

During week 21 of the 2006-07 influenza season, 1.9% of patient visits to Hawaii's Sentinel Providers were due to Influenza Like Illness (ILI). Percent ILI during the current flu season lower than that reported during the same time last year (4.1%).



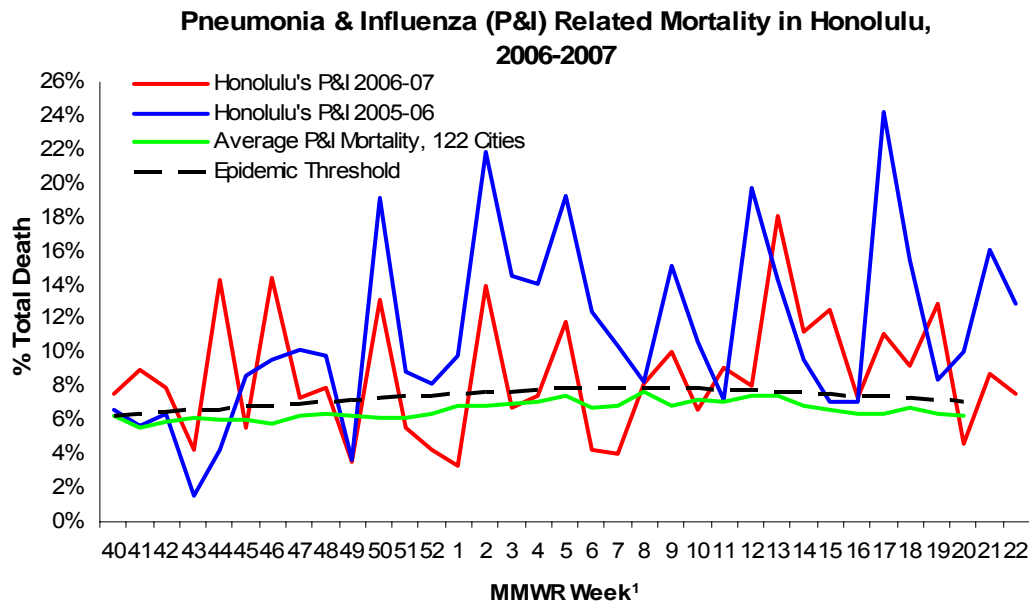
II. Pneumonia and Influenza (P&I) Related Mortality²:

During week 21 and 22, 8.7% and 7.6% respectively of all deaths in Honolulu, Hawaii were due to pneumonia or influenza. Honolulu's P&I (4.7%) for week 20 is lower than the reported national average (6.3%) and the epidemic threshold (7.1%). The current P&I mortality (7.6%) is lower than the P&I mortality reported at the same time last year (12.9%).

Influenza Associated Pediatric Mortality²:

Nationally, three P&I related pediatric mortalities were reported during week 20, bringing the total to 60.

¹ MMWR stands for 'Morbidity and Mortality Weekly Report,' conventionally used by the Centers for Disease Control (CDC). The weeks of a flu season are often referred to by their respective MMWR week. See appendix 1 for interpretation of MMWR weeks.



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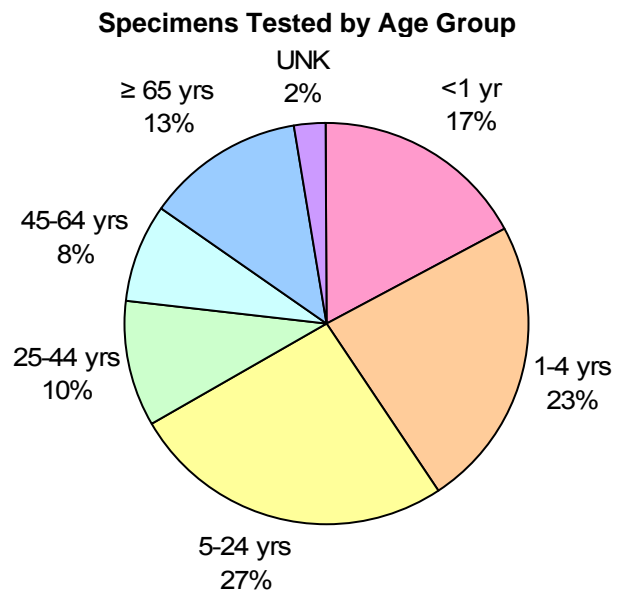
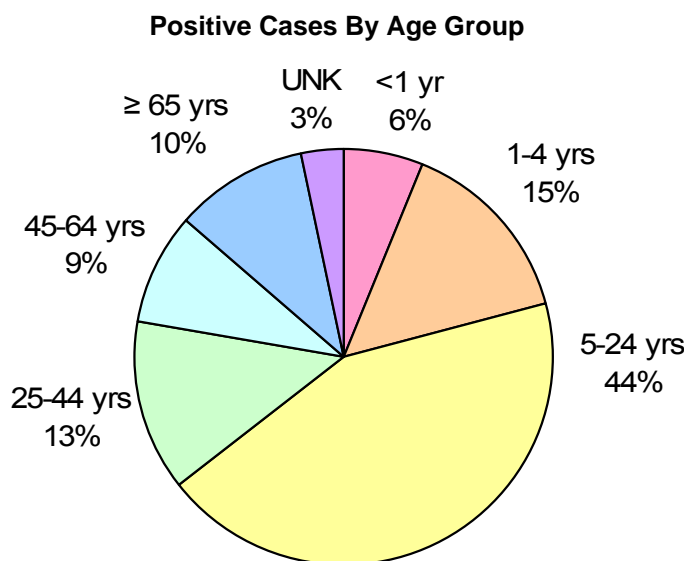
² This data was reported by the Hawaii State Department of Health Vital Statistics Office.

III. Laboratory Surveillance

Since the beginning of Flu Season 2006-07, the Hawaii State Laboratories Division (SLD) has tested **3704** specimens.

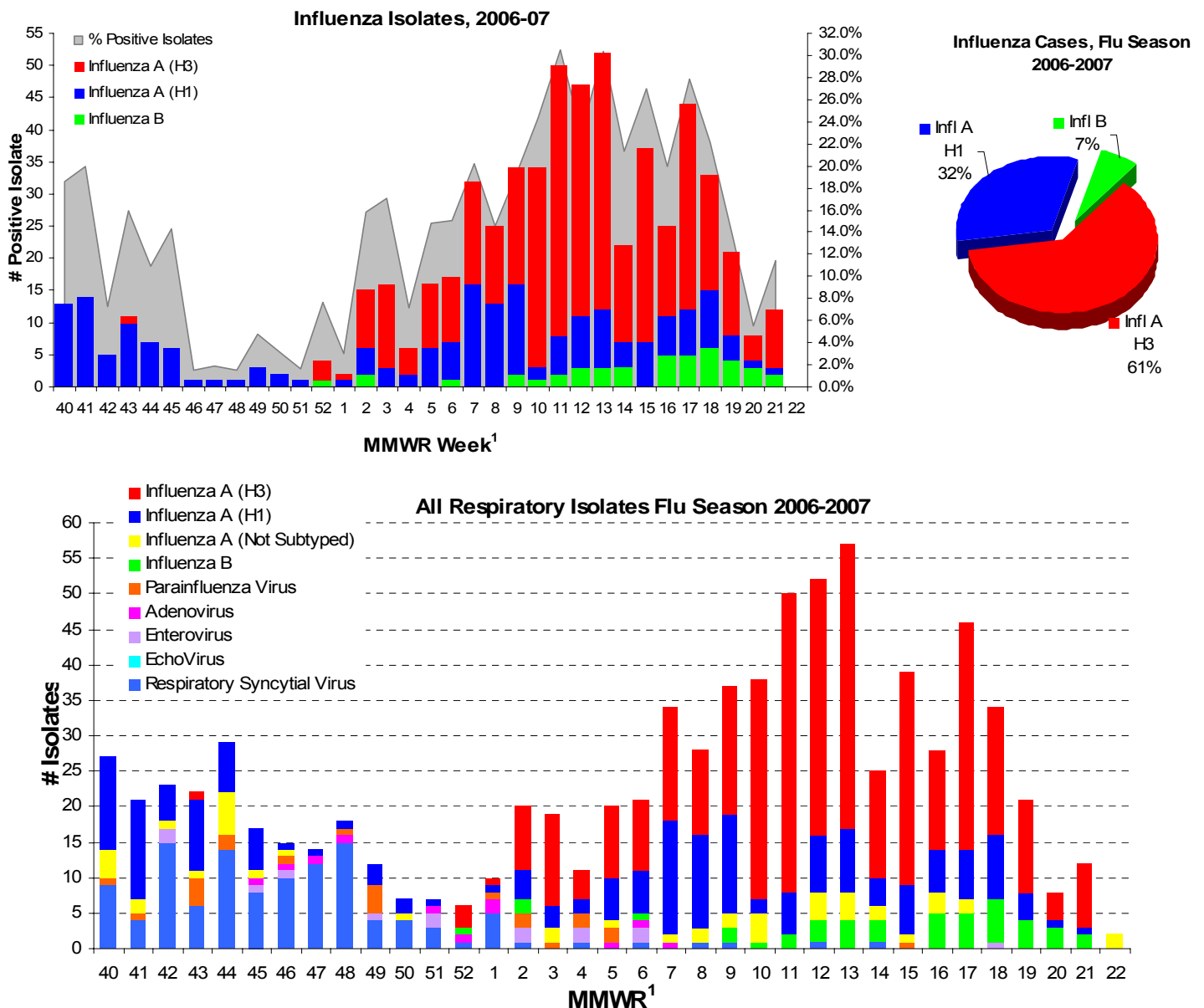
Positive Isolates:

The pie charts below indicate the distribution of specimens tested and positive influenza cases in Hawaii by age group during Flu Season 2006-07.



Based on this data, school children and young adults (age group 5-24) were most likely to test positive when influenza was suspected (44% of positive influenza cases versus 27% of specimens tested), whereas infants and young children (<4 years of age) were least likely to be positive for influenza and likely to have other etiologies for their respiratory illness.

Of the 3704 specimens tested since the beginning of the 2006-07 flu season, 617 (16.7%) influenza isolates have been detected by SLD. Of these, 381 (61%) was influenza A (H3), and 193 (32%) were influenza A (H1). There were 43 (7%) influenza B cases. Select isolates were sent to the CDC for strain characterization.



Data courtesy of State Laboratories Division and Tripler Army Medical Center, Honolulu, Hawaii

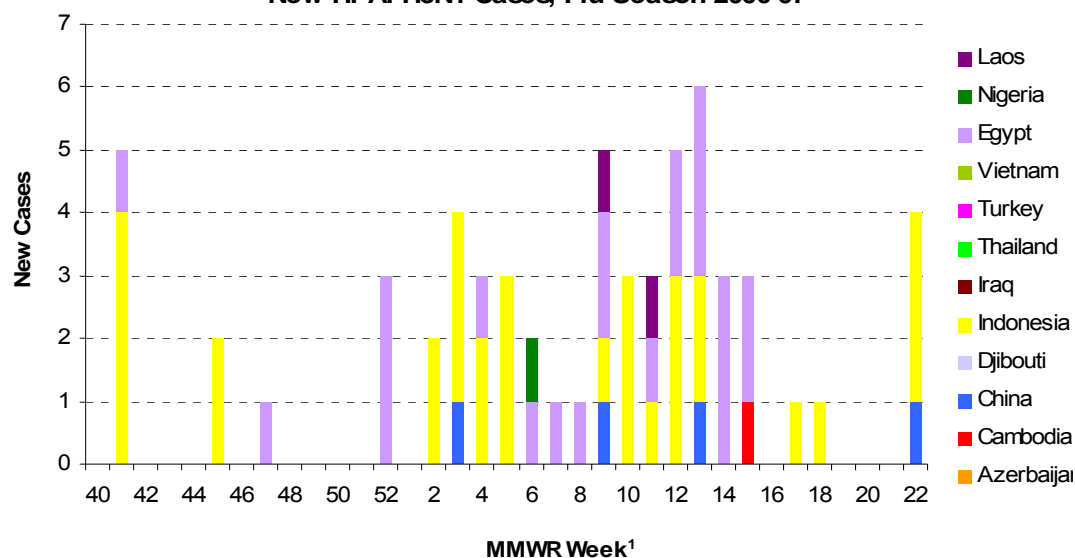
IV. Clustered ILI Activity

No clustered influenza like illness activity was reported by schools or long term care facilities during Week 21-22.

V. Avian Influenza Update – June 6 2007

Country	2003		2004		2005		2006		2007		Total	
	cases	deaths	cases	deaths	cases	deaths	cases	deaths	cases	deaths	cases	deaths
Azerbaijan	0	0	0	0	0	0	8	5	0	0	8	5
Cambodia	0	0	0	0	4	4	2	2	0	0	7	7
China	1	1	0	0	8	5	13	8	1	0	25	16
Djibouti	0	0	0	0	0	0	1	0	0	0	1	0
Egypt	0	0	0	0	0	0	18	10	5	3	34	14
Indonesia	0	0	0	0	19	12	56	46	6	5	99	79
Iraq	0	0	0	0	0	0	3	2	0	0	3	2
Laos	0	0	0	0	0	0	0	0	1	0	2	2
Nigeria	0	0	0	0	0	0	0	0	1	1	1	1
Thailand	0	0	17	12	5	2	3	3	0	0	25	17
Turkey	0	0	0	0	0	0	12	4	0	0	12	4
Viet Nam	3	3	29	20	61	19	0	0	0	0	93	42
Total	4	4	46	32	97	42	116	80	14	9	310	189

New HPAI H5N1 Cases, Flu Season 2006-07



Total number of cases includes number of deaths. WHO reports only laboratory-confirmed cases. All dates refer to onset of illness.

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Appendix 1: MMWR Week

Please refer to the table below to interpret data presented by MMWR week.

MMWR	Week Ending	MMWR	Week Ending
40	10/7/2006	14	4/7/2007
41	10/14/2006	15	4/14/2007
42	10/21/2006	16	4/21/2007
43	10/28/2006	17	4/28/2007
44	11/4/2006	18	5/5/2007
45	11/11/2006	19	5/12/2007
46	11/18/2006	20	5/19/2007
47	11/25/2006	21	5/26/2007
48	12/2/2006	22	6/2/2007
49	12/9/2006	23	6/9/2007
50	12/16/2006	24	6/16/2007
51	12/23/2006	25	6/23/2007
52	12/30/2006	26	6/30/2007
1	1/6/2007	27	7/7/2007
2	1/13/2007	28	7/14/2007
3	1/20/2007	29	7/21/2007
4	1/27/2007	30	7/28/2007
5	2/3/2007	31	8/4/2007
6	2/10/2007	32	8/11/2007
7	2/17/2007	33	8/18/2007
8	2/24/2007	34	8/25/2007
9	3/3/2007	35	9/1/2007
10	3/10/2007	36	9/8/2007
11	3/17/2007	37	9/15/2007
12	3/24/2007	38	9/22/2007
13	3/31/2007	39	9/29/2007